

Amendments to the Claims

A complete list of pending claims follows:

1. (Currently Amended) A video display controller, comprising:

a graphics processing unit adapted to receive input and transmit output to one or more display devices; and

a single display device connector in communication with the graphics processing unit;

wherein the video display controller is adapted to independently control a first display device and a second display device through the display device connector, without using an additional video display controller; and

wherein the video display controller is further configured to be coupled to a dongle through the single display device connector, the dongle comprising routing circuitry.

2. (Currently Amended) The video display controller of claim 1, wherein the single display device connector is a DVI-I connector.

3. (Previously Presented) The video display controller of claim 1, wherein the first display device is an analog display device.

4. (Previously Presented) The video display controller of claim 1, wherein the second display device is a digital display device.

5. (Previously Presented) The video display controller of claim 1, further comprising a first control channel and a second control channel.

6. (Previously Presented) The video display controller of claim 5, wherein the first control channel is adapted to use a Display Data Channel Command Interface.

7. (Previously Presented) The video display controller of claim 5, wherein the second control channel is adapted to use a Display Data Channel Command Interface.

8. (Currently Amended) A dongle for connecting a video display controller with a first display device and a second display device, the video display controller comprising a graphics processing unit adapted to receive input and transmit output to one or more display devices, the video display controller further comprising a single display device connector in communication with the graphics processing unit, wherein the video display controller is adapted to independently control the first display device and the second display device through the single display device connector without using an additional video display controller, and wherein the video display controller is further configured to be coupled to a dongle through the display device connector, the dongle comprising:

routing circuitry capable of:

routing a first video channel and a first control channel from the video display controller to the first display device, and

routing a second video channel and a second control channel from the video display controller to the second display device.

9. (Previously Presented) The dongle of claim 8, wherein the first video channel is a TMDS channel and the second video channel is an analog VGA channel.

10. (Previously Presented) The dongle of claim 8, wherein the first video channel is a TMDs channel and the second video channel is a TMDs channel.

11. (Previously Presented) The dongle of claim 8, wherein the first control channel and the second control channel are adapted to use a Display Data Channel Command Interface.

12. (Previously Presented) The dongle of claim 8, further comprising a dongle detection circuit, wherein the dongle detection circuit signals the video display controller that the dongle is attached to the video display controller.

13. (Currently Amended) An information handling system, comprising:

- a first display device;
- a second display device;
- a video display controller in communication with the first display device and the second display device, the video display controller comprising:
 - a graphics processing unit adapted to receive input and transmit output to one or more display devices; and
 - a single display device connector in communication with the graphics processing unit;

wherein the video display controller is adapted to independently control the first display device and the second display device through the single display device connector, without using an additional video display controller;

wherein the video display controller is further configured to be coupled to a dongle through the single display device connector; and

a dongle comprising circuitry capable of:

routing a first video channel and a first control channel from the video display controller to the first display device[[,]]; and

routing a second video channel and a second control channel from the video display controller to the second display device.

14. (Previously Amended) The information handling system of claim 13, further comprising a housing, wherein the video display controller is within the housing.

15. (Previously Presented) The information handling system of claim 14, wherein the housing is a Small Form Factor (SFF) housing.

16. (Previously Presented) The information handling system of claim 14, wherein the housing is a laptop housing.

17. (Previously Presented) The information handling system of claim 13, wherein the first display device is an analog display device.

18. (Previously Presented) The information handling system of claim 13, wherein the second display device is a digital display device.

19. (Previously Presented) The information handling system of claim 18, wherein the second display device is capable of receiving TMDS.

20. (Previously Cancelled)